EMISSIONS UNIT (EU) NO./ Description (See below)	TITLE V PERMIT TERM NO & Description	*ACTUAL METHOD USED TO DETERMINE COMPLIANCE*	*DATE/ TIME START*	*DATE/ TIME END*	*DESCRIPTION AND MAGNITUDE OF THE DEVIATION*	*PROBABLE CAUSE FOR THE DEVIATION*	*CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN*
P006 (COPPER CALCINER #1)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	04/08/13	04/08/13	Daily ΔP reading of less than 1"WC for the calciner feed baghouse	Low air flow	Baghouse maintenance work order issued; ΔP reading above 1"WC on 04/09/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner draft baghouse	04/11/13	04/11/13	Daily ΔP readings of less than 1"WC for the calciner draft baghouse	Low air flow	ΔP reading above 1"WC on 04/12/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner draft baghouse	04/13/13	04/14/13	Daily ΔP reading of less than 1"WC for the calciner draft baghouse	Low air flow	ΔP reading above 1"WC on 04/15/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner draft baghouse	04/15/13	04/1513	Daily ΔP reading of less than 1"WC for the calciner draft baghouse	Low air flow	ΔP reading above 1"WC on 04/16/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner draft baghouse	04/25/13	04/26/13	Daily ΔP reading of less than 1"WC for the calciner draft baghouse	Low air flow	ΔP reading above 1"WC on 04/27/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/02/13	05/02/13	Daily ΔP reading of less than 1"WC for the calciner feed baghouse	Low air flow	Baghouse maintenance work order issued; ΔP reading above 1"WC on 05/03/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/20/13	05/21/13	Daily ΔP reading of less than 1"WC for the calciner feed baghouse	Low air flow	Baghouse maintenance work order issued; ΔP reading above 1"WC on 05/22/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/30/13	05/30/13	Daily ΔP reading of less than 1"WC for the calciner feed baghouse	New filters installed	ΔP reading above 1"WC on 05/31/13
P006 (COPPER CALCINER)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/27/13	05/28/13	Daily ΔP reading of less than 1"WC for the calciner feed baghouse	Low air flow	Baghouse maintenance work order issued; ΔP reading above 1"WC on 05/29/13

P009 (ROTARY CALCINER #4)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 0.3 to 4.5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/15/13	05/15/13	ΔP lower than 0.3 "WC for the calciner baghouse	Low air flow	Calciner shutdown on 05/16/13
P009 (ROTARY CALCINER #4)	A.II.2-Pressure drop across each baghouse shall be maintained within the range of 0.3 to 4.5 "WC while the emissions unit is in operation	Daily pressure drop readings for the calciner feed baghouse	05/17/13	05/22/13	ΔP lower than 0.3 "WC for the calciner baghouse	Low air flow	Baghouse maintenance work order issued; ΔP reading above 0.3"WC on 05/23/13
P010 (ROTARY CALCINER #1)	B.II.2-The pH of the scrubber liquor shall be maintained between 10 and 13 s.u.	pH readings	05/10/13	05/10/13	pH lower than 10 s.u.	Low caustic flow	System cleaned 05/12/13
P010 (ROTARY CALCINER #1)	B.II.2-The pH of the scrubber liquor shall be maintained between 10 and 13 s.u.	pH readings	05/11/13	05/12/13	pH lower than 10 s.u.	Low caustic flow	System cleaned 05/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/06/13 21:00	04/09/13 18:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/10/13 07:00	04/10/13 21:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/11/13 05:00	04/11/13 20:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/18/13 04:15	04/18/13 08:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/18/13 22:00	04/19/13 04:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/20/13 04:30	04/20/13 08:30	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/22/13 16:00	04/23/13 04:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/23/13 21:30	04/24/13 05:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/25/13 13:15	04/26/13 00:15	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/27/13 04:00	04/28/13 13:30	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/29/13 04:30	04/29/13 14:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/29/13 17:00	04/30/13 05:20	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/02/13 12:00	05/02/13 20:10	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/03/13 08:00	05/04/13 00:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/11/13 05:00	05/11/13 13:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/11/13 07:00	05/11/13 23:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	System flushed
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/18/13 23:00	05/19/13 08:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/19/13 20:00	05/20/13 03:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/20/13 20:00	05/21/13 03:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/24/13 05:00	05/24/13 09:30	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/25/13 16:00	05/25/13 10:01	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/28/13 00:00	05/28/13 07:55	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/05/13 00:00	06/05/13 13:08	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/14/13 04:15	06/14/13 08:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/14/13 21:30	06/16/13 02:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/17/13 00:00	06/17/13 08:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/19/13 00:00	06/20/13 02:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/21/13 03:00	06/21/13 08:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/23/13 16:00	06/24/13 01:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/24/13 17:00	06/25/13 01:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/25/13 16:00	06/26/13 02:45	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/28/13 03:10	06/28/13 14:00	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/29/13 09:00	06/29/13 20:15	ΔP greater than 1.5"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/06/13 13:00	04/12/13 04:15	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/17/13 04:15	05/01/13 08:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 05/01/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/02/13 15:00	05/02/13 24:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 05/02/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/08/13 01:00	05/11/13 04:15	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Trimer taken down for repair
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/12/13 11:15	05/12/13 18:30	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 05/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/15/13 08:00	05/28/13 00:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/30/13 00:00	06/17/13 08:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/17/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/18/13 00:00	06/19/13 11:50	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/19/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/20/13 13:00	06/24/13 13:30	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/25/13 16:00	06/28/13 14:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/29/13 00:00	06/29/13 20:15	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/30/13 00:00	06/30/13 21:00	ΔP of less than 3 "WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P010 (ROTARY CALCINER #1)	B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times while the emissions unit is in operation.	Stage 3 Trimer scrubber water flow rate readings	05/10/13 20:00	05/11/13 05:00	Stage 3 flow of less than 50gpm	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times while the emissions unit is in operation.	Stage 2 Trimer scrubber water flow rate readings	05/22/13 03:00	05/22/13 14:00	Stage 2 flow of less than 50gpm	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times while the emissions unit is in operation.	Stage 2 Trimer scrubber water flow rate readings	05/22/13 20:00	05/23/13 16:00	Stage 2 flow of less than 50gpm	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P010 (ROTARY CALCINER #1)	B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times while the emissions unit is in operation.	Stage 2 Trimer scrubber water flow rate readings	05/26/13 12:00	05/26/13 17:00	Stage 3 flow of less than 50gpm	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P070 (CU/CR Strike Tanks)	A.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 25 gpm at all times while the emissions unit is in operation.	Scrubber water flow rate readings	06/01/13	06/01/13	Flow of less than 25gpm	Scrubber water flow rate	Adjusted
P070 (CU/CR Strike Tanks)	A.II.1- The pressure drop across the Interstates Plastic scrubber shall be continuously maintained at a value not less than 1"WC at all times while the emissions unit is in operation.	Records of pressure drop readings	06/06/13	06/12/13	ΔP less than 1"WC across scrubber	Scrubber water flow rate/air flow issues	Work order issued on; ΔP of 3.2"WC across scrubber on 06/13/13

P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/06/13 13:00	04/12/13 04:15	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/12/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/12/13 20:00	04/14/13 02:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/14/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/14/13 18:00	04/15/13 08:15	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/15/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/22/13 09:00	04/22/13 16:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/23/13 09:00	04/24/13 05:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/24/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	04/24/13 18:00	04/25/13 05:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 04/25/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/06/13 00:00	05/06/13 09:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/07/13 19:00	05/11/13 11:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 05/11/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/12/13 18:30	05/13/13 06:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/13/13 16:00	05/14/13 12:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/15/13 20:00	05/16/13 05:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/17/13 00:30	05/21/13 08:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 05/22/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/23/13 12:30	05/24/13 05:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/24/13 18:00	05/25/13 03:30	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/25/13 16:00	05/29/13 00:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/29/13 17:00	05/31/13 00:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	05/31/13 19:50	06/02/13 00:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/03/13 20:30	06/04/13 11:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/04/13

P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/05/13 16:00	06/06/13 00:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/06/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/07/13 00:00	06/07/13 14:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/08/13 19:00	06/09/13 19:30	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/11/13 05:30	06/12/13 19:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/12/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/20/13 02:00	06/25/13 16:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/26/13 09:00	06/27/13 21:20	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/27/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/29/13 00:00	06/29/13 09:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/29/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation.	Pressure drop readings across the first stage of the Trimer scrubber	06/30/13 00:00	06/30/13 10:00	ΔP greater than 0.6"WC across first stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown on 06/30/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation.	Pressure drop readings across the second stage of the Trimer scrubber	04/30/13 16:00	05/01/13 03:00	ΔP of > 3 "WC across second stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted

P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation.	Pressure drop readings across the second stage of the Trimer scrubber	06/02/13 00:00	06/02/13 08:00	ΔP of > 3 "WC across second stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation.	Pressure drop readings across the second stage of the Trimer scrubber	06/02/13 20:30	06/03/13 00:00	ΔP of > 3 "WC across second stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/06/13 13:00	04/09/13 00:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 04/09/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/12/13 08:00	04/15/13 08:15	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 04/15/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/22/13 09:00	04/23/13 04:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 04/23/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/23/13 09:00	04/24/13 05:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 04/24/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/24/13 18:00	04/25/13 05:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 04/25/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/25/13 13:15	05/11/13 19:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 05/11/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/12/13 11:15	05/21/13 08:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 05/21/13

P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/23/13 12:30	06/04/13 11:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/04/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/05/13 16:00	06/06/13 00:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/06/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/06/13 15:30	06/12/13 00:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/12/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/20/13 02:00	06/24/13 01:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Adjusted
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/25/13 16:00	06/27/13 21:20	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/27/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/29/13 00:00	06/29/13 09:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/29/13
P080 (ROTARY CALCINER #5)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/30/13 00:00	06/30/13 00:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/30/13
P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 3	04/03/13 07:00	04/03/13 13:00	ΔP readings across Viron Scrubber 3 of less than 1"WC	Scrubber water flow rate/air flow issues	Pressure drop readings consistently above 1"WC on 04/03/13 at 13:00
P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 3	04/6/13 07:00	04/07/13 07:00	ΔP readings across Viron Scrubber 3 of less than 1"WC	Scrubber water flow rate/air flow issues	Pressure drop readings consistently above 1"WC on 04/07/13 at 07:00

P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 3	05/19/13 07:00	05/19/13 15:00	ΔP readings across Viron Scrubber 3 below 0.1 "WC	Scrubber water flow rate/air flow issues	Pressure drop readings above 1"WC on 05/19/13 at 15:00
P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 3	05/21/13 07:00	05/21/13 15:00	ΔP readings across Viron Scrubber 3 below 0.1 "WC	Scrubber water flow rate/air flow issues	Pressure drop readings above 1"WC on 05/21/13 at 15:00
P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 3	05/22/13 07:00	05/23/13 00:00	ΔP readings across Viron Scrubber 3 below 0.1 "WC	Scrubber water flow rate/air flow issues	Pressure drop readings above 1"WC on 05/23/13 at 00:00
P086 (Gen Cat P&S Dryers #2&#3)	A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation.	Pressure drop readings across Viron Scrubber 2	06/15/13 15:00	06/21/13 07:00	ΔP readings across Viron Scrubber 2 below 0.1 "WC	Scrubber water flow rate/air flow issues	Pressure drop readings above 1"WC on 06/21/13 at 07:00
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	04/01/13 8:00	04/02/13 24:00	ΔP reading below 1 "WC	Low air flow	ΔP reading above 1"WC 04/03/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	04/04/13 16:00	04/08/13 16:00	ΔP reading below 1 "WC	Low air flow	Work order issued on; ΔP reading above 1"WC by 24:00 on 04/09/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	04/10/13 00:00	04/11/13 16:00	ΔP reading below 1 "WC	Low air flow	Work order issued; ΔP reading above 1"WC by 12:00 on 04/11/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	04/12/13 00:00	04/14/13 16:00	ΔP reading below 1 "WC	Low air flow	ΔP reading consistently above 1"WC by 7:00 on 04/15/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	05/05/13 16:00	05/05/13 16:00	ΔP reading below 1 "WC	Low air flow	ΔP reading consistently above 1"WC by 14:00 on 05/06/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	05/18/13 01:00	05/18/13 09:00	ΔP reading below 1 "WC	Clogged Filter	Work order issued; ΔP reading above 1"WC by 7:00 on 05/19/13

P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across discharge baghouse	06/17/13 01:00	06/18/13 01:00	ΔP reading below 1 "WC	Clogged Filter	Work order issued; ΔP reading above 1"WC by 01:00 on 05/19/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	06/25/13 07:00	06/25/13 23:00	ΔP reading below 1 "WC	Low air flow	ΔP reading consistently above 1"WC by 7:00 on 06/26/13
P095 (Copper Calciner #2)	A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation.	Daily pressure drop readings across draft baghouse	06/27/13 07:00	06/27/13 23:00	ΔP reading below 1 "WC	Low air flow	ΔP reading consistently above 1"WC by 23:00 on 06/27/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	04/10/13 12:00	04/10/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 04/10/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	04/11/13 07:00	04/11/13 24:00	ΔP reading below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 04/11/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	04/12/13 15:00	04/13/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown at 24:00 on 04/13/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	04/19/13 01:00	05/01/13 01:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown at 01:00 on 05/01/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/02/13 01:00	05/02/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/03/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/05/13 07:00	05/10/13 16:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/10/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/11/13 07:00	05/11/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/12/13

P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/12/13 07:00	05/12/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/13/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/14/13 01:00	05/15/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/16/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/16/13 15:00	05/16/13 23:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/17/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/18/13 01:00	05/24/13 15:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 05/24/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	05/29/13 07:00	06/12/13 23:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 06/12/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	06/14/13 01:00	06/15/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 06/15/13
P099 (PK Blender #2)	B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation	Pressure drop readings across the scrubber	06/21/13 01:00	06/30/13 24:00	ΔP readings below 2 "WC	Scrubber water flow rate/inlet exhaust flow issues	PK Blender shutdown on 06/30/13
P099 (PK Blender #2)	B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation	Daily pressure drop readings across the baghouse	04/11/13 07:00	04/13/13 24:00	ΔP readings below 3 "WC	Low air flow	Adjusted
P099 (PK Blender #2)	B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation	Daily pressure drop readings across the baghouse	04/19/13 01:00	04/27/13 24:00	ΔP readings below 3 "WC	Low air flow	Adjusted
P099 (PK Blender #2)	B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation	Daily pressure drop readings across the baghouse	06/05/13 07:00	06/12/13 07:00	ΔP readings below 3 "WC	Low air flow	Adjusted

P099 (PK Blender #2)	B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation	Daily pressure drop readings across the baghouse	06/15/13 00:00	06/15/13 24:00	ΔP readings below 3 "WC	Low air flow	PK Blender shutdown 06/16/13
P099 (PK Blender #2)	B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation	Daily pressure drop readings across the baghouse	06/21/13 07:00	06/30/13 24:00	ΔP readings below 3 "WC	Low air flow	PK Blender shutdown 06/30/13
P102 (ROTARY CALCINER #2)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	04/21/13 07:00	05/01/13 07:20	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 05/01/13
P102 (ROTARY CALCINER #2)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/02/13 00:00	05/02/13 05:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 05/02/13
P103 (ROTARY CALCINER #3)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	05/27/13 07:00	05/29/13 07:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 05/29/13
P103 (ROTARY CALCINER #3)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/05/13 07:00	06/05/13 15:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/05/13
P103 (ROTARY CALCINER #3)	B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation.	Pressure drop readings across the third stage of the Trimer scrubber	06/30/13 15:00	06/30/13 24:00	ΔP less than 3"WC across third stage	Scrubber water flow rate/inlet exhaust flow issues	Calciner shutdown 06/30/13
P009 (ROTARY CALCINER #4)	A.I.1-Emissions of particulate matter shall not exceed 1.62 pounds per hour	Visual observation	04/27/13 09:00	04/27/13 10:00	60 minute discharge of emissions from the dust collector estimated at 10 pounds of PM	Filter failure	Filter replaced
P102 & P103 (ROTARY CALCINERS #2 & #3)	B.II.1-NOx emissions from these emission units shall be controlled by one of the following air pollution control equipment: the F1 scrubber, the TriMer scrubber or the Salem Englehard selective catalytic reduction (SCR) unit.	Visual observation	05/06/13 16:00	05/06/13 16:15	15 minute NOx discharge due to SCR malfunction	Unexpected burner temperature drop	Calciners shutdown, SCR repaired

P006 (COPPER CALCINER #1)	A.I.1-Emissions of particulate matter shall not exceed 1.62 pounds per hour	Visual observation	05/16/13 07:30	05/16/13 08:30	60 minute discharge of emissions from the dust collector estimated at 5 pounds of PM	Gasket failure	Gasket replaced
P102 (ROTARY CALCINER #2)	B.II.1-NOx emissions from this emission units shall be controlled by one of the following air pollution control equipment: the F1 scrubber, the TriMer scrubber or the Salem Englehard selective catalytic reduction (SCR) unit.	Visual observation	05/17/13 19:00	05/17/13 19:15	15 minute NOx discharge due to SCR malfunction	Unexpected burner temperature drop	Calciner shutdown, SCR repaired